



**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

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Total Number of Pages in This Submission

4

| | |
|------------------------|--------------|
| Application Number | 10/627,670 |
| Filing Date | 07/28/2003 |
| First Named Inventor | Ted Humphrey |
| Art Unit | 2817 |
| Examiner Name | |
| Attorney Docket Number | |

IFW/5
PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031
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| ENCLOSURES (Check all that apply) | | |
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| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <i>Returned Postcard</i> |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | |
|-------------------------|--------------|--|
| Firm or Individual name | Ted Humphrey | |
| Signature | Ted Humphrey | |
| Date | 6/10/2004 | |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | |
|-----------------------|--------------|------|
| Typed or printed name | Ted Humphrey | |
| Signature | Ted Humphrey | Date |
| | 6/10/2004 | |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**180**

| Complete if Known | |
|----------------------|--------------|
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| Examiner Name | |
| Art Unit | 2817 |
| Attorney Docket No. | |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

| | |
|------------------------|--|
| Deposit Account Number | |
| Deposit Account Name | |

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code (\$) | Fee | Fee Code (\$) | Fee Description | Fee Paid |
|--------------|--------------|---------------|-----|---------------|------------------------|----------|
| 1001 | 770 | 2001 | 385 | | Utility filing fee | |
| 1002 | 340 | 2002 | 170 | | Design filing fee | |
| 1003 | 530 | 2003 | 265 | | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | | Provisional filing fee | |

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | -20** | = | Extra Claims | Fee from below | Fee Paid |
|--------------------|-------|---|--------------|----------------|----------|
| Independent Claims | - 3** | = | | | |
| Multiple Dependent | | = | | | |

| Large Entity | Small Entity | Fee Code (\$) | Fee | Fee Description | Fee Paid |
|--------------|--------------|---------------|-----|--|----------|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 | |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid | |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code (\$) | Fee | Fee Description | Fee Paid |
|--------------|--------------|---------------|--------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1808 | 180 | Submission of Information Disclosure Stmt | 180 |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

06/17/2004 RIBERHE 00000091 10627670
01-11-1605

SUBMITTED BY

| | | | | |
|-------------------|--------------|-----------------------------------|------|------------------------|
| Name (Print/Type) | Ted Humphrey | Registration No. (Attorney/Agent) | | Telephone 727-446-0206 |
| Signature | Ted Humphrey | | Date | 6/10/2004 |

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PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

| | |
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| Application Number | 10/627,670 |
| Filing Date | 07/28/2003 |
| First Named Inventor | Ted Humphrey |
| Art Unit | 2817 |
| Examiner Name | |
| Attorney Docket Number | |

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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| Art Unit | 2817 | | | | |
| Examiner Name | | | | | |
| Sheet | 1 | of | 1 | Attorney Docket Number | |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | CA | ANDY ADAMIAN, Voltage Regulator Handbook, Chapter 1 IC Voltage Regulators, March 22, 1978, Pages 1-3 => 1-22, 233-12-0002-066 50M, Fairchild, Mountain View, CA | |
| | CB | RAYTHEON, RC741 General Purpose Operational Amplifier, Raytheon Linear ICs, 1989, Pages 4-132 => 4-139, 65-1397A-1/89-B-100, Raytheon, Mountain View, CA | |
| | CC | the staff, 201 Analog IC Designs, Current Sources, 1980, Pages 1-8, Interdesign, A FERRANTI Company, Sunnyvale, CA | |
| | CD | MICHAEL M. SCOTT, uA723 Precision Voltage Regulator App Notes, Circuit Building Blocks For VRs, 1968, Pages 1.1-1.14, 20-BR-0064-78, Fairchild Semiconductor, | |
| | CE | NATIONAL, The Monolithic Operational Amplifier: A Tutorial Study, Dec 1974, RRD-B30M115, National Semiconductor, Arlington, TX | |
| | CF | NATIONAL, Applications of Wide-band Buffer Amplifiers - AN-227, 1979, RRD-B30M115, National Semiconductor, Arlington, TX | |
| | CG | NATIONAL, LH0002/LH0002C Current Amplifier, National Semi Linear DataBook, 1980, Pages 3-291 => 3-293, 1M-CP115M10, National Semiconductor, Arlington, TX | |
| | CH | NATIONAL, LM6121/LM6221/LM6321 High Speed Buffer, April 1989, Pages 1-5, RRD-B20M30, National Semiconductor, Arlington, TX | |
| | CI | staff, EL2003/EL2003C 100 MHz Video Line Driver, April 1986, Elantec, Milpitas, CA | |
| | CJ | staff, HA-5003 Video Buffer, May 1983, Harris Corp. | |

| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|
| | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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